



**W1**

## ASFA "L" Worm-Drive Clip

Thanks to the exclusive design of the housing, the ASFA "L" W1 Worm-Drive Clip has excellent performance while being at the same time very compact.

The cold-formed stamped band thread, smoothed on the underside, combined with the beveled band edges protects the hose from any damage.

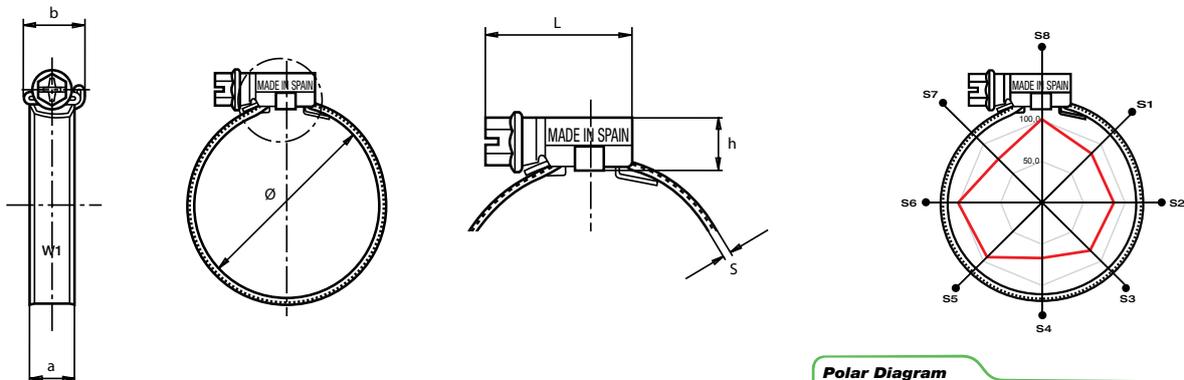
The ASFA "L" W1 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 2002/95/EC dated 1st July 2006. This clip is ideal for general industrial applications.

\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling. **Patented Worldwide.**

### ASFA "L" W1 Worm-Drive Clip (9mm bandwidth)

Application Ø		Part n° W1	L max.	s + 0,10	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
mm	inches										
8-12	5/16-15/32	03008745	17,5	0,65	8,4	7	10,9	1,5	30	200	800
8-16	5/16-5/8	03008753	22,1	0,65	10,5	9	14,0	3,0	45	200	800
12-22	15/32-7/8	03008761	22,1	0,65	10,5	9	14,0	3,0	45	200	800
16-27	5/8-1-1/16	03008770	23,6	0,75	10,5	9	14,0	3,5	42	200	800
20-32	25/32-1-1/4	03008788	23,6	0,75	10,5	9	14,0	3,5	36	200	800
25-40	1-1-9/16	03008796	25,6	0,75	10,5	9	14,0	4,0	32	100	800
30-45	1-3/16-1-3/4	03008809	25,6	0,75	10,5	9	14,0	4,0	28	100	800
32-50	1-1/4-1-31/32	03008817	25,6	0,75	10,5	9	14,0	4,0	24	100	800
40-60	1-9/16-2-3/8	03008825	25,6	0,75	10,5	9	14,0	4,0	19	100	400
50-70	1-31/32-2-3/4	03008833	29,6	0,75	10,5	9	14,0	4,0	17	100	100
60-80	2-3/8-3-1/8	03008841	29,6	0,75	10,5	9	14,0	4,0	15	100	100
70-90	2-3/4-3-1/2	03008850	29,6	0,75	10,5	9	14,0	4,0	13	50	400
80-100	3-1/8-3-15/16	03008868	29,6	0,75	10,5	9	14,0	4,0	11	50	400
90-110	3-1/2-4-5/16	03008876	29,6	0,75	10,5	9	14,0	4,0	10	25	200
100-120	3-15/16-4-23/32	03008884	29,6	0,75	10,5	9	14,0	4,0	9	25	200
110-130	4-5/16-5-1/8	03008892	29,6	0,75	10,5	9	14,0	4,0	8	25	25
120-140	4-23/32-5-1/2	03008905	29,6	0,75	10,5	9	14,0	4,0	7	25	25
130-150	5-1/8-5-29/32	03008913	29,6	0,75	10,5	9	14,0	4,0	6	25	25
140-160	5-1/2-6-5/16	03008921	29,6	0,75	10,5	9	14,0	4,0	5	25	25

**W1 Screw:** Qst 36-3 Mild steel (DIN 1.0213) Silver-white Cr3 Zinc-Plated **Band and Housing:** Galvanized steel S/EN 10292 (DIN 1.0935)



**Polar Diagram**

• Sectors	S1	S2	S3	S4	S5	S6	S7	S8
— 4 Nm	84,1	86,2	81,8	66,8	93,3	100,8	74,8	101,1

Torque / Efficiency [ Nm / daN ]

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**W2**

## ASFA "L" Worm-Drive Clip

Thanks to the exclusive design of the housing, the ASFA "L" W2 hose clip has excellent performance while being at the same time very compact.

The cold-formed stamped band thread, smoothed on the underside, combined with the beveled band edges protects the hose from any damage.

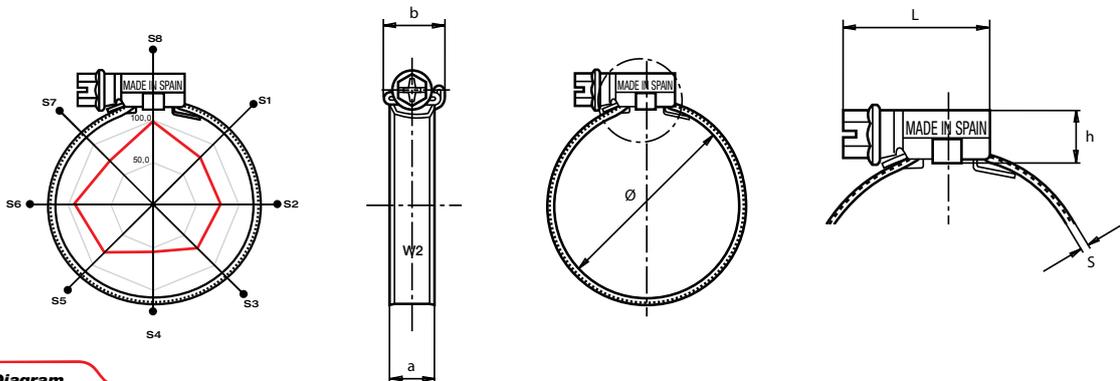
The ASFA "L" W2 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 2002/95/EC dated 1st July 2006. This clip is ideal for general industrial applications.

\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling. **Patented Worldwide.**

### ASFA "L" W2 Worm-Drive Clip (9mm bandwidth)

Application Ø		Part n° W2	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
mm	inches										
8-12	5/16-15/32	03016508	17,5	0,65	8,4	7	10,9	1,5	30	200	1600
8-16	5/16-5/8	03016516	22,1	0,65	10,5	9	14,0	3,0	45	200	800
12-22	15/32-7/8	03016524	22,1	0,65	10,5	9	14,0	3,0	45	200	800
16-27	5/8-1-1/16	03016532	23,6	0,75	10,5	9	14,0	3,5	42	200	800
20-32	25/32-1-1/4	03016540	23,6	0,75	10,5	9	14,0	3,5	36	200	800
25-40	1-1-9/16	03016559	25,6	0,75	10,5	9	14,0	4,0	32	100	800
30-45	1-3/16-1-3/4	03016567	25,6	0,75	10,5	9	14,0	4,0	28	100	800
32-50	1-1/4-1-31/32	03016575	25,6	0,75	10,5	9	14,0	4,0	24	100	800
40-60	1-9/16-2-3/8	03016583	25,6	0,75	10,5	9	14,0	4,0	19	100	400
50-70	1-31/32-2-3/4	03016591	26,6	0,75	10,5	9	14,0	4,0	17	100	100
60-80	2-3/8-3-1/8	03016604	26,6	0,75	10,5	9	14,0	4,0	15	100	100
70-90	2-3/4-3-1/2	03016612	26,6	0,75	10,5	9	14,0	4,0	13	50	400
80-100	3-1/8-3-15/16	03016620	26,6	0,75	10,5	9	14,0	4,0	11	50	400
90-110	3-1/2-4-5/16	03016639	26,6	0,75	10,5	9	14,0	4,0	10	25	200
100-120	3-15/16-4-23/32	03016647	26,6	0,75	10,5	9	14,0	4,0	9	25	200
110-130	4-5/16-5-1/8	03016655	26,6	0,75	10,5	9	14,0	4,0	8	25	25
120-140	4-23/32-5-1/2	03016663	26,6	0,75	10,5	9	14,0	4,0	7	25	25
130-150	5-1/8-5-29/32	03016671	26,6	0,75	10,5	9	14,0	4,0	6	25	25
140-160	5-1/2-6-5/16	03016680	26,6	0,75	10,5	9	14,0	4,0	5	25	25

**W2 Screw:** Qst 36-3 Mild steel (DIN 1.0213) Silver-white Cr3 Zinc-Plated **Band and Housing:** X6Cr17 Stainless steel (DIN 1.4016) (AISI-430)



**Polar Diagram**

● Sectors	S1	S2	S3	S4	S5	S6	S7	S8
— 4 Nm	74,2	76,1	72,3	57,0	81,5	92,8	71,7	99,6

Torque / Efficiency [ Nm / daN ]

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**W3**

## ASFA "L" Worm-Drive Clip

Thanks to the exclusive design of the housing, the ASFA "L" W3 hose clip has excellent performance while being at the same time very compact.

The cold-formed stamped band thread, smoothed on the underside, combined with the beveled band edges protects the hose from any damage.

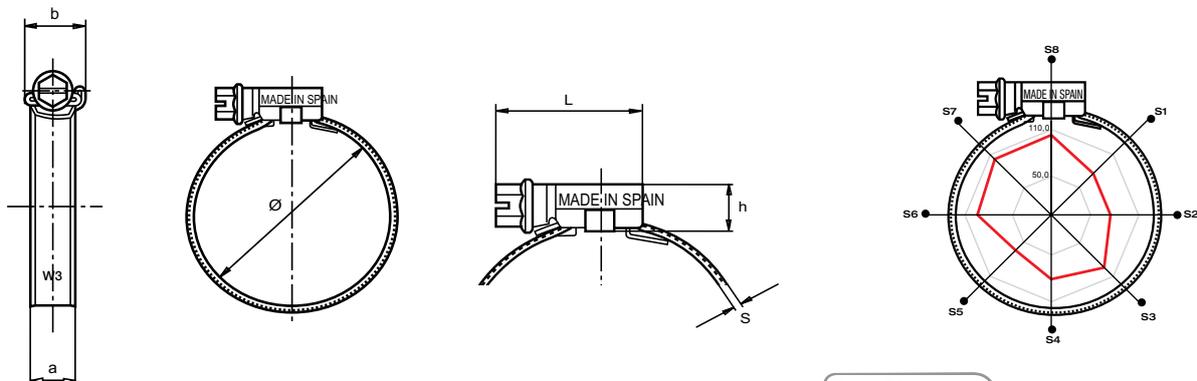
The ASFA "L" W3 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 2002/95/EC dated 1st July 2006. ASFA "L" W3 is specially recommended for use in the automotive industry.

\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.  
**Patented Worldwide.**

### ASFA "L" W3 Worm-Drive Clip (9mm bandwidth)

Application Ø		Part nº W3	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
mm	inches										
8-16	5/16-5/8	03016014	22,1	0,65	10,5	9	14,0	3,0	45	200	800
12-22	15/32-7/8	03016022	22,1	0,65	10,5	9	14,0	3,0	45	200	800
16-27	5/8-1-1/16	03016030	23,6	0,75	10,5	9	14,0	3,5	42	200	800
20-32	25/32-1-1/4	03016049	23,6	0,75	10,5	9	14,0	3,5	36	200	800
25-40	1-1-9/16	03016065	25,6	0,75	10,5	9	14,0	4,0	32	100	800
30-45	1-3/16-1-3/4	03016073	25,6	0,75	10,5	9	14,0	4,0	28	100	800
32-50	1-1/4-1-31/32	03016081	25,6	0,75	10,5	9	14,0	4,0	24	100	800
40-60	1-9/16-2-3/8	03016090	25,6	0,75	10,5	9	14,0	4,0	19	100	400
50-70	1-31/32-2-3/4	03016102	29,6	0,75	10,5	9	14,0	4,0	17	100	100
60-80	2-3/8-3-1/8	03016110	29,6	0,75	10,5	9	14,0	4,0	15	100	100
70-90	2-3/4-3-1/2	03016129	29,6	0,75	10,5	9	14,0	4,0	13	50	400
80-100	3-1/8-3-15/16	03016137	29,6	0,75	10,5	9	14,0	4,0	11	50	400
90-110	3-1/2-4-5/16	03016145	29,6	0,75	10,5	9	14,0	4,0	10	25	200
100-120	3-15/16-4-23/32	03016153	29,6	0,75	10,5	9	14,0	4,0	9	25	200
110-130	4-5/16-5-1/8	03016161	29,6	0,75	10,5	9	14,0	4,0	8	25	25
120-140	4-23/32-5-1/2	03016170	29,6	0,75	10,5	9	14,0	4,0	7	25	25
130-150	5-1/8-5-29/32	03016188	29,6	0,75	10,5	9	14,0	4,0	6	25	25
140-160	5-1/2-6-5/16	03016196	29,6	0,75	10,5	9	14,0	4,0	5	25	25

**W3 Screw:** Stainless steel (AISI 430) **Band and Housing:** Stainless steel X6Cr17 (DIN 1.4016)(AISI-430)



#### Polar Diagram

● Sectors	S1	S2	S3	S4	S5	S6	S7	S8
— 4 Nm	75,1	74,5	93,6	80,4	63,9	96,3	102,0	103,0

Torque / Efficiency [ Nm / daN ]

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**W4**

## ASFA "L" Worm-Drive Clip

Thanks to the exclusive design of the housing, the ASFA "L" W4 hose clip has excellent performance while being at the same time very compact.

The cold-formed stamped band thread, smoothed on the underside, combined with beveled band-edges protects the hose from damage.

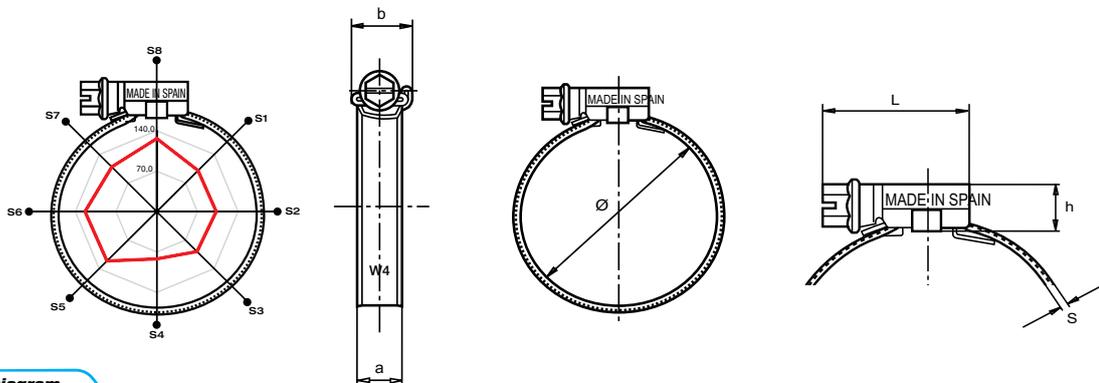
The ASFA "L" W4 hose clip complies fully with the DIN 3017 norm and also with the RoHS directive EU 20032/95/EC dated 1st July 2006. This clip is ideally for use in the marine industry, due to the corrosion resistance offered by the use of AISI-304 stainless steel in its manufacture.

\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.  
**Patented Worldwide.**

### ASFA "L" W4 Worm-Drive Clip (9mm bandwidth)

Application Ø		Part n° W4	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
mm	inches										
8-12	5/16-15/32	03014000	17,5	0,65	8,4	7	10,9	1,5	30	200	800
8-16	5/16-5/8	03014019	22,1	0,65	10,5	9	14,0	3,0	45	200	800
12-22	15/32-7/8	03014027	22,1	0,65	10,5	9	14,0	3,0	45	200	800
16-27	5/8-1-1/16	03014035	23,6	0,75	10,5	9	14,0	3,5	42	200	800
20-32	25/32-1-1/4	03014043	23,6	0,75	10,5	9	14,0	3,5	36	200	800
25-40	1-1-9/16	03014051	25,6	0,75	10,5	9	14,0	4,0	32	100	800
30-45	1-3/16-1-3/4	03014060	25,6	0,75	10,5	9	14,0	4,0	28	100	800
32-50	1-1/4-1-31/32	03014078	25,6	0,75	10,5	9	14,0	4,0	24	100	800
40-60	1-9/16-2-3/8	03014086	25,6	0,75	10,5	9	14,0	4,0	19	100	400
50-70	1-31/32-2-3/4	03014094	29,6	0,75	10,5	9	14,0	4,0	17	100	100
60-80	2-3/8-3-1/8	03014107	29,6	0,75	10,5	9	14,0	4,0	15	100	100
70-90	2-3/4-3-1/2	03014115	29,6	0,75	10,5	9	14,0	4,0	13	50	400
80-100	3-1/8-3-15/16	03014123	29,6	0,75	10,5	9	14,0	4,0	11	50	400
90-110	3-1/2-4-5/16	03014140	29,6	0,75	10,5	9	14,0	4,0	10	25	200
100-120	3-15/16-4-23/32	03014158	29,6	0,75	10,5	9	14,0	4,0	9	25	200
110-130	4-5/16-5-1/8	03014166	29,6	0,75	10,5	9	14,0	4,0	8	25	25
120-140	4-23/32-5-1/2	03014174	29,6	0,75	10,5	9	14,0	4,0	7	25	25
130-150	5-1/8-5-29/32	03014182	29,6	0,75	10,5	9	14,0	4,0	6	25	25
140-160	5-1/2-6-5/16	03014190	29,6	0,75	10,5	9	14,0	4,0	5	25	25

**W4 Screw:** Stainless steel (AISI-304) Cu (A2) **Band and Housing:** X5CrNi1810 Stainless steel (DIN 1.4301) (AISI-304) (A2)



**Polar Diagram**

● Sectors	S1	S2	S3	S4	S5	S6	S7	S8
— 4 Nm	100,5	102,5	98,1	82,1	121,2	123,5	109,5	126,5

Torque / Efficiency [ Nm / daN ]

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**W5**

## ASFA "L" Worm-Drive Clip

Thanks to the exclusive design of the housing, the ASFA "L" W5 hose clip has excellent performance while being at the same time very compact.

The cold-formed stamped band thread, smoothed on the underside, combined with beveled band-edges protects the hose from damage.

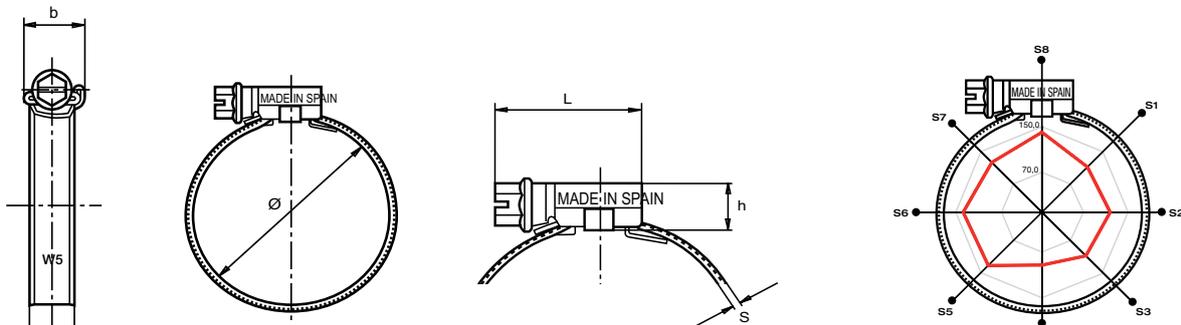
The ASFA "L" W5 hose clip complies fully with the DIN 3017 norm and also with the RoHs directive EU 20032/95/EC dated 1st July 2006. This clip is ideally for use in the petrochemical, foodstuffs and marine industry due to the outstanding corrosion resistance offered by the use of AISI-316 stainless steel in its manufacture.

\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.  
**Patented Worldwide.**

### ASFA "L" W5 Worm-Drive Clip (9mm bandwidth)

Application Ø		Part n° W5	L max.	s + 0,1 0	h max.	a + 0,3 a - 0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity (MOQ)	Packing
mm	inches										
8-16	5/16-5/8	03015759	22,1	0,65	10,5	9	14,0	3,0	45	200	800
12-22	15/32-7/8	03015767	22,1	0,65	10,5	9	14,0	3,0	45	200	800
16-27	5/8-1-1/16	03015775	23,6	0,75	10,5	9	14,0	3,5	42	200	800
20-32	25/32-1-1/4	03015783	23,6	0,75	10,5	9	14,0	3,5	36	200	800
25-40	1-1-9/16	03015804	25,6	0,75	10,5	9	14,0	4,0	32	100	800
30-45	1-3/16-1-3/4	03015812	25,6	0,75	10,5	9	14,0	4,0	28	100	800
32-50	1-1/4-1-31/32	03015820	25,6	0,75	10,5	9	14,0	4,0	24	100	800
40-60	1-9/16-2-3/8	03015839	25,6	0,75	10,5	9	14,0	4,0	19	100	400
50-70	1-31/32-2-3/4	03015847	29,6	0,75	10,5	9	14,0	4,0	17	100	100
60-80	2-3/8-3-1/8	03015855	29,6	0,75	10,5	9	14,0	4,0	15	100	100
70-90	2-3/4-3-1/2	03015863	29,6	0,75	10,5	9	14,0	4,0	13	50	400
80-100	3-1/8-3-15/16	03015871	29,6	0,75	10,5	9	14,0	4,0	11	50	400
90-110	3-1/2-4-5/16	03015880	29,6	0,75	10,5	9	14,0	4,0	10	25	200
100-120	3-15/16-4-23/32	03015898	29,6	0,75	10,5	9	14,0	4,0	9	25	200
110-130	4-5/16-5-1/8	03015900	29,6	0,75	10,5	9	14,0	4,0	8	25	25
120-140	4-23/32-5-1/2	03015919	29,6	0,75	10,5	9	14,0	4,0	7	25	25
130-150	5-1/8-5-29/32	03015927	29,6	0,75	10,5	9	14,0	4,0	6	25	25
140-160	5-1/2-6-5/16	03015935	29,6	0,75	10,5	9	14,0	4,0	5	25	25

**W5 Screw:** Stainless steel (AISI-316) Cu (A4) **Band and Housing:** X5CrNiMo 17.12.2 Stainless steel (DIN 1.4401) (AISI-316) (A4)



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